Reference Data
Eaton 9PX 5000i RT

Product	Short Description
Eaton 9PX 5000i RT	Energy-efficient Online Double conversion UPS (up to 94% efficiency in online mode), 5000VA/4500W, Versatile Tower/Rack 3U, Parallel operation (power extension and/or redundancy), multilingual LCD display, USB & Serial ports, 4 dry contacts, RPO & ROO connectors, power management software compatible with virtual environment, 8 IEC 10A outlets (2 manageable groups) + 2 IEC 16A, Hot-swappable batteries, all necessary hardware included for rack or tower mounting.
EATON Ref	
9PX5KiRT	

Packaging	Size (WxDxH*, mm)	Weight (kg)	Number of Units / Packaging
Individual Packaging	595*977*323	57 kg	1 product / carton
Complete Pallet	1200*1000*1095	352 kg	6 cartons / pallet

Packaging content
9PX UPS + 2 IEC output power cords + Eaton Intelligent Power Software CD + USB Cable + Serial Cable + 2 supports for tower mounting + 2 brackets for 19' mounting + 2 universal rails + cable locking systems + Safety guide + 10-language user manual

Technical Specifications	
Technology	On line double conversion with PFC system (Power Factor Correction)
Capacity	5000VA/4500W
Dimensions (WxDxH*)/ Weight	3U- 440(19'')*685*130mm / 48 kg
Input / Output connections	Input: Terminal block (up to 10 mm2) Output: Terminal block + 8 IEC C13 (10A) manageable in 2 groups + 2 IEC C19 (16A)
Input / Output voltage range	176-276V without derating (up to 100-276V with derating), 200/208/220/230/240V
Input / Output frequency range	40-70Hz, 50/60Hs autoselection, frequency converter as standard
Overload / crest factor / limitation	102-110% : 120s, 110-125%: 60s, 125-150%: 10s, >150%: 500ms / 3:1 / 90A
THDI / Noise level / Efficiency	< 5% / 45 dbA / Up to 94% in Online mode, 98% in Hi-Efficiency mode
Features	Advance Battery Management (ABM) technology, Automatic battery test, Deep discharge protection, Cold start, Parallel operation (power increase or redundancy) without upfront cost, Energy Metering.
Administration	1 USB port + 1 serial RS232 + 4 voltage free contacts (DB9) + 1 mini-terminal block for remote OFF/ON + 1 mini-terminal block for Remote Power Off, 1 DB 15 port for the parallel mode
User interface	4 LEDS + Multilingual LCD : access to measures, alarm messages and customization
Warranty	3 years on electronics, 2 years on battery
Standards	IEC/EN 62040-1, IEC/EN 62040-2, IEC/EN 62040-3, UL 1778, CSA 22.2, CE, CB, UL
Quality	Designed, manufactured and marketed under ISO9001 & ISO14001 quality system

Typical applications	Runtime without EBM	Runtime with 1 EBM	Runtime with 4 EBM
At 70% load / 50% load (PF 0.7)	9 min / 13 min	35 min / 60 min	140 min / 200 min

Selling points
• On-line double conversion topology, with automatic by-pass and PFC system
• Energy efficient UPS with up to 94% efficiency in Online mode and 98% in Hi-efficiency Mode
• Unmatched power density with 4500W in 3U
• Compatibility with power factor corrected power supplies (ratio W/VA=0.9)
• Parallel operation up to 2 UPSs (redundancy or power extension)
• Hot swappable batteries from front panel
• Easy to operate : next-generation multilingual LCD display
• Remote reboot and runtime optimization thanks to 8 programmable outlets (2 x 4 oulet groups)
• Energy metering accessible through LCD and Software
• Network Management Card as option
• Monitoring & shutdown software for VMware, Hyper-V, Citrix Xen, Windows, Linux, SUN Solaris, HP-UX, IBM AIX
• 1 USB port + 1 Serial + 4 dry contacts (DB9)
• All necessary hardware for rack-mounting included : 19' brackets + universal rails + hardware kit
• Advance Battery Management (ABM) technology to increase battery lifetime
• Long backup time with up to 12 optional EBM cabinets
• Connectors for Remote power off or remote OFF/ON function

Options	Reference
Eaton 9PX EBM 180V	9PXEBM180RT
Network Card-MS	Network-MS
Network and MODBUS Card-MS	MODBUS-MS
Relay Card-MS	Relay-MS
Eaton Rack kit 9PX/9SX	9RK
Eaton Transformer 11000i	TFMR11Ki
Eaton Battery Integration System	BINTSYS
Eaton HotSwap MBP 6000i	MBP6Ki

Powering Business Worldwide

Reference Data
Eaton 9PX 6000i RT

Product	Short Description
Eaton 9PX 6000i RT	Energy-efficient Online Double conversion UPS (up to 94% efficiency in online mode), 6000VA/5400W, Versatile Tower/Rack 3U, Parallel operation (power extension and/or redundancy), multilingual LCD display, USB & Serial ports, 4 dry contacts, RPO & ROO connectors, power management software compatible with virtual environment, 8 IEC 10A outlets (2 manageable groups) + 2 IEC 16A, Hot-swappable batteries, all necessary hardware included for rack or tower mounting.
EATON Ref	
9PX6KiRT	

Packaging	Size (WxDxH*, mm)	Weight (kg)	Number of Units / Packaging
Individual Packaging	595*977*323	57 kg	1 product / carton
Complete Pallet	1200*1000*1095	352 kg	6 cartons / pallet

Packaging content
9PX UPS + 2 IEC output power cords + Eaton Intelligent Power Software CD + USB Cable + Serial Cable + 2 supports for tower mounting + 2 brackets for 19' mounting + 2 universal rails + cable locking systems + Safety guide + 10-language user manual

Technical Specifications	
Technology	On line double conversion with PFC system (Power Factor Correction)
Capacity	6000VA/5400W
Dimensions (WxDxH*)/ Weight	3U- 440(19'')*685*130mm / 48 kg
Input / Output connections	Input: Terminal block (up to 10 mm2) Output: Terminal block + 8 IEC C13 (10A) manageable in 2 groups + 2 IEC C19 (16A)
Input / Output voltage range	176-276V without derating (up to 100-276V with derating), 200/208/220/230/240V
Input / Output frequency range	40-70Hz, 50/60Hs autoselection, frequency converter as standard
Overload / crest factor / limitation	102-110% : 120s, 110-125%: 60s, 125-150%: 10s, >150%: 500ms / 3:1 / 90A
THDI / Noise level / Efficiency	< 5% / 45 dbA / Up to 94% in Online mode, 98% in Hi-Efficiency mode
Features	Advance Battery Management (ABM) technology, Automatic battery test, Deep discharge protection, Cold start, Parallel operation (power increase or redundancy) without upfront cost, Energy Metering.
Administration	1 USB port + 1 serial RS232 + 4 voltage free contacts (DB9) + 1 mini-terminal block for remote OFF/ON + 1 mini-terminal block for Remote Power Off, 1 DB 15 port for the parallel mode
User interface	4 LEDS + Multilingual LCD : access to measures, alarm messages and customization
Warranty	3 years on electronics, 2 years on battery
Standards	IEC/EN 62040-1, IEC/EN 62040-2, IEC/EN 62040-3, UL 1778, CSA 22.2, CE, CB, UL
Quality	Designed, manufactured and marketed under ISO9001 & ISO14001 quality system

Typical applications	Runtime without EBM	Runtime with 1 EBM	Runtime with 4 EBM
At 70% load / 50% load (PF 0.7)	7 min / 10 min	30 min / 45min	120 min / 160 min

Selling points
• On-line double conversion topology, with automatic by-pass and PFC system • Energy efficient UPS with up to 94% efficiency in Online mode and 98% in Hi-efficiency Mode • Unmatched power density with 5400W in 3U • Compatibility with power factor corrected power supplies (ratio W/VA=0.9) • Parallel operation up to 2 UPSs (redundancy or power extension) • Hot swappable batteries from front panel • Easy to operate : next-generation multilingual LCD display • Remote reboot and runtime optimization thanks to 8 programmable outlets (2 x 4 oulet groups) • Energy metering accessible through LCD and Software • Ships with Network interface (SNMP+Web) : Network Management Card • Monitoring & shutdown software for VMware, Hyper-V, Citrix Xen, Windows, Linux, SUN Solaris, HP-UX, IBM AIX • 1 USB port + 1 Serial + 4 dry contacts (DB9) • All necessary hardware for rack-mounting included : 19' brackets + universal rails + hardware kit • Advance Battery Management (ABM) technology to increase battery lifetime • Long backup time with up to 12 optional EBM cabinets • Connectors for Remote power off or remote OFF/ON function

Options	Reference
Eaton 9PX EBM 180V	9PXEBM180RT
Network Card-MS	Network-MS
Network and MODBUS Card-MS	MODBUS-MS
Relay Card-MS	Relay-MS
Eaton Rack kit 9PX/9SX	9RK
Eaton Transformer 11000i	TFMR11Ki
Eaton Battery Integration System	BINTSYS
Eaton HotSwap MBP 6000i	MBP6Ki

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Reference Data
Eaton 9PX 8000i RT

Product	Short Description
Eaton 9PX 8000i RT	Energy-efficient Online Double conversion UPS (up to 95% efficiency in online mode), 8000VA/7200W, Internal Bypass, Parallel operation (power extension and/or redundancy), multilingual LCD display, USB & Serial ports, 4 dry contacts, RPO & ROO connectors, power management software compatible with virtual environment, slot for optional com card, Hot-swappable UPS & batteries.
EATON Ref	
9PX8KiRT	

Packaging content
9PX Power module + 9PX Battery module + Eaton Intelligent Power Software CD + USB Cable + Serial Cable + 1 battery cable with comms for automatic battery cabinet recognition + 2 supports for tower mounting + link plate for tower mounting + Safety guide + 10-language user manual + 4 universal rails

Technical Specifications	
Technology	On line double conversion with PFC system (Power Factor Correction)
Capacity	8000VA/7200W
Dimensions (WxDxH)/ Weight	260*700*440mm / 84 kg
Input / Output connections	Input: Terminal block (up to 16 mm2), Bypass Input: Terminal block (up to 16 mm2) Output: Terminal block
Input / Output voltage range	176-276V without derating (up to 100-276V with derating), 200/208/220/230/240/250V
Input / Output frequency range	40-70Hz, 50/60Hs autoselection, frequency converter as standard
Overload / crest factor / limitation	102-110% : 120s, 110-125%: 60s, 125-150%: 10s, >150%: 900ms / 3:1 / 120A
THDI / Noise level / Efficiency	< 5% / 48 dbA / Up to 95% in Online mode, 98% in Hi-Efficiency mode
Features	Advance Battery Management (ABM) technology, Automatic battery test, Deep discharge protection, Cold start, Parallel operation (power increase or redundancy) without upfront cost, Energy Metering.
Administration	1 USB port + 1 serial RS232 + 4 voltage free contacts (DB9) + 1 mini-terminal block for remote OFF/ON + 1 mini-terminal block for Remote Power Off, 1 slot for Network card or ModBus/Jbus or Contacts/Serial, 1 DB 15 port for the parallel mode
User interface	4 LEDS + Multilingual LCD : access to measures, alarm messages and customization
Warranty	2 years on electronics and battery
Standards	IEC/EN 62040-1, IEC/EN 62040-2, IEC/EN 62040-3, UL 1778, CSA 22.2, CE, CB, UL
Quality	Designed, manufactured and marketed under ISO9001 & ISO14001 quality system

Typical applications	Runtime 1 PM + 1 EBM	Runtime 1 PM + 2 EBM	Runtime 1 PM + 5 EBM
At 70% load / 50% load (PF 0.7)	14 min / 21 min	34 min / 50 min	100 min / 145 min

Selling points
• On-line double conversion topology, with automatic by-pass and PFC system • Energy efficient UPS with up to 95% efficiency in Online mode and 98% in Hi-efficiency Mode • External Maintenance Bypass as option for service continutity (Hot swappable batteries and power module) • UPS can be connected to 2 independant sources (AC normal , AC bypass) • Compatibility with power factor corrected power supplies (ratio W/VA=0.9) • Parallel operation up to 2 UPSs (redundancy or power extension) • Easy to operate : next-generation multilingual LCD display • Energy metering accessible through LCD and Software • 1 USB port + 1 Serial + 4 dry contacts (DB9) • Monitoring & shutdown software for VMware, Hyper-V, Citrix Xen, Windows, Linux, SUN Solaris, HP-UX, IBM AIX • 1 Slot for optional com card (Network Management card, ModBus/Jbus or Contacts/Serial cards) • Advance Battery Management (ABM) technology to increase battery lifetime • Long backup time with up to 12 optional EBM cabinets • Connectors for Remote power off or remote OFF/ON function

Options	Reference
Eaton 9PX EBM 240V	9PXEBM240RT
Network Card-MS	Network-MS
Network and MODBUS Card-MS	MODBUS-MS
Relay Card-MS	Relay-MS
Eaton Supercharger 240VDC	SC240RT
Eaton Rack kit 9PX/9SX	9RK
Eaton Transformer 11000i	TFMR11Ki
Eaton Battery Integration System	BINTSYS

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Reference Data
Eaton 9PX 11000i RT

Product	Short Description
Eaton 9PX 11000i RT	Energy-efficient Online Double conversion UPS (up to 95% efficiency in online mode), 11000VA/10000W, Internal Bypass, Parallel operation (power extension and/or redundancy), multilingual LCD display, USB & Serial ports, 4 dry contacts, RPO & ROO connectors, power management software compatible with virtual environment, slot for optional com card, Hot-swappable UPS & batteries.
EATON Ref	
9PX11KiRT	

Packaging content
9PX Power module + 9PX Battery module + Eaton Intelligent Power Software CD + USB Cable + Serial Cable + 1 battery cable with comms for automatic battery cabinet recognition + 2 supports for tower mounting + link plate for tower mounting + Safety guide + 10-language user manual + 4 universal rails

Technical Specifications	
Technology	On line double conversion with PFC system (Power Factor Correction)
Capacity	11000VA/10000W
Dimensions (WxDxH)/ Weight	260*700*440mm / 86 kg
Input / Output connections	Input: Terminal block (up to 16 mm2), Bypass Input: Terminal block (up to 16 mm2) Output: Terminal block
Input / Output voltage range	176-276V without derating (up to 100-276V with derating), 200/208/220/230/240/250V
Input / Output frequency range	40-70Hz, 50/60Hs autoselection, frequency converter as standard
Overload / crest factor / limitation	102-110% : 120s, 110-125%: 60s, 125-150%: 10s, >150%: 900ms / 3:1 / 150A
THDI / Noise level / Efficiency	< 5% / 50 dbA / Up to 95% in Online mode, 98% in Hi-Efficiency mode
Features	Advance Battery Management (ABM) technology, Automatic battery test, Deep discharge protection, Cold start, Parallel operation (power increase or redundancy) without upfront cost, Energy Metering.
Administration	1 USB port + 1 serial RS232 + 4 voltage free contacts (DB9) + 1 mini-terminal block for remote OFF/ON + 1 mini-terminal block for Remote Power Off, 1 slot for Network card or ModBus/Jbus or Contacts/Serial, 1 DB 15 port for the parallel mode
User interface	4 LEDS + Multilingual LCD : access to measures, alarm messages and customization
Warranty	2 years on electronics and battery
Standards	IEC/EN 62040-1, IEC/EN 62040-2, IEC/EN 62040-3, UL 1778, CSA 22.2, CE, CB, UL
Quality	Designed, manufactured and marketed under ISO9001 & ISO14001 quality system

Typical applications	Runtime 1 PM + 1 EBM	Runtime 1 PM + 2 EBM	Runtime 1 PM + 5 EBM
At 70% load / 50% load (PF 0.7)	10 min / 14 min	20 min / 32 min	65 min / 95 min

Selling points
• On-line double conversion topology, with automatic by-pass and PFC system • Energy efficient UPS with up to 95% efficiency in Online mode and 98% in Hi-efficiency Mode • External Maintenance Bypass as option for service continutity (Hot swappable batteries and power module) • UPS can be connected to 2 independant sources (AC normal , AC bypass) • Compatibility with power factor corrected power supplies (ratio W/VA=0.9) • Parallel operation up to 2 UPSs (redundancy or power extension) • Easy to operate : next-generation multilingual LCD display • Energy metering accessible through LCD and Software • 1 USB port + 1 Serial + 4 dry contacts (DB9) • Monitoring & shutdown software for VMware, Hyper-V, Citrix Xen, Windows, Linux, SUN Solaris, HP-UX, IBM AIX • 1 Slot for optional com card (Network Management card, ModBus/Jbus or Contacts/Serial cards) • Advance Battery Management (ABM) technology to increase battery lifetime • Long backup time with up to 12 optional EBM cabinets • Connectors for Remote power off or remote OFF/ON function

Options	Reference
Eaton 9PX EBM 240V	9PXEBM240RT
Network Card-MS	Network-MS
Network and MODBUS Card-MS	MODBUS-MS
Relay Card-MS	Relay-MS
Eaton Supercharger 240VDC	SC240RT
Eaton Rack kit 9PX/9SX	9RK
Eaton Transformer 11000i	TFMR11Ki
Eaton Battery Integration System	BINTSYS

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Reference Data
Eaton 9PX EBM 180V RT

Product	Short Description
Eaton 9PX EBM 180V	Battery Extension cabinet for 9PX 5000/6000i, versatile Tower/Rack 3U, comes with rail kit
EATON Ref	
9PXEBM180 RT	

Packaging content
Battery pack + 1 battery cable with comms for automatic battery cabinet recognition + link plate for tower mounting + EBM user manual + 1 universal rail

Technical Specifications	
Dimensions (W x D x H*)/ Weight	3U – 440*645*130 mm / 68 kg
Warranty	2 years
Standards	IEC/EN 62040-1, IEC/EN 62040-2, IEC/EN 62040-3, CE, CB report
Quality	Designed, manufactured and marketed under ISO9001 & ISO14001 quality system

*W x D x H = Width x Depth x Height

Runtime in Minutes at % of rated load (PF 0.9)	10	25	50	75	100
5000 + 1 EBM	246	103	48	27	20
5000 + 2 EBM	485	175	88	53	38
5000 + 3 EBM	661	262	123	83	54
5000 + 4 EBM	935	377	167	109	80
5000 + 5 EBM	1110	480	210	133	101
5000 + 6 EBM	1250	551	254	162	115
6000 + 1 EBM	203	85	38	24	16
6000 + 2 EBM	399	147	71	45	28
6000 + 3 EBM	554	214	104	62	47
6000 + 4 EBM	755	287	133	90	58
6000 + 5 EBM	961	396	170	111	82
6000 + 6 EBM	1105	481	206	131	100

Options	Reference
Eaton Rack kit 9PX/9SX	9RK
Eaton 1,8m cable 180V EBM	EBMCBL180
Eaton Battery Integration System	BINTSYS

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Reference Data
Eaton 9PX EBM 240V RT

Product	Short Description
Eaton 9PX EBM 240V	Battery Extension cabinet for 9PX 8000/11000i, versatile Tower/Rack 3U, with rail kit
EATON Ref	
9PXEBM240RT	

Packaging content
Battery pack + 1 battery cable with comms for automatic battery cabinet recognition + link plate for tower mounting + EBM user manual + 1 universal rail

Technical Specifications	
Dimensions (W x D x H*)/ Weight	3U - 440*680*130 mm / 65 kg
Warranty	2 years
Standards	IEC/EN 62040-1, IEC/EN 62040-2, IEC/EN 62040-3, CE, CB report
Quality	Designed, manufactured and marketed under ISO9001 & ISO14001 quality system

*W x D x H = Width x Depth x Height

Runtime in Minutes at % of rated load (PF 0.9)	10	25	50	75	100
8K Std + 1 EBM	**203**	**85**	**36**	**23**	**16**
8K Std + 2 EBM	**342**	**140**	**65**	**36**	**27**
8K Std + 3 EBM	**492**	**173**	**86**	**53**	**36**
8K Std + 4 EBM	**582**	**220**	**118**	**72**	**50**
8K Std + 5 EBM	**748**	**272**	**143**	**86**	**65**
11K Std + 1 EBM	**159**	**60**	**25**	**15**	**10**
11K Std + 2 EBM	**237**	**97**	**42**	**25**	**18**
11K Std + 3 EBM	**341**	**136**	**61**	**37**	**25**
11K Std + 4 EBM	**461**	**163**	**80**	**48**	**34**
11K Std + 5 EBM	**541**	**184**	**98**	**61**	**42**

Options	Reference
Eaton Rack kit 9PX/9SX	9RK
Eaton 1,8m cable 240V EBM	EBMCBL240
Eaton Battery Integration System	BINTSYS

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